

APPENDIX H

PLANT SPECIES OF CONCERN IN SANDOVAL COUNTY

Common Name	Scientific Name	Status ^a	Range & Habitat Association	Potential for Occurrence in Planning Area
grama grass cactus	<i>Pediocactus papyracanthus</i>	BLM; NESL—Group 4	In piñon-juniper woodland & desert grassland. Almost always associated w/grama grasses, especially blue grama.	Could potentially exist in the vicinity of the monument, although the habitat is not ideal. Prefers gypsum soils, which do not occur in the monument. Surveys conducted by the NMHP ^a in 2001-03 failed to locate any plants, & it is doubtful any will be identified in the future.
Parish's alkali grass	<i>Puccinella parishii</i>	BLM; FS; FWS; NM-E; NESL—Group 2	Habitat includes alkaline springs, seeps, & seasonally wet areas (cienegas) that occur @ the head of drainages or on gentle slopes @ elevations of 2,600-7,200 ft.; requires continuously damp soils during its late winter to spring growing season.	None. No suitable habitat in monument.
Knight's milkvetch	<i>Astragalus knightii</i>	BLM; FWS	Mesa Prieta; Rimrock ledges of Dakota Formation sandstone substrate in Great Basin conifer & piñon-juniper woodlands & @ elevations of 5,500-7,500 ft.	None. No suitable habitat in monument.
Plank's campion (or Plank's catchfly)	<i>Silene plankii</i>	BLM	Includes igneous cliffs & rocky outcrops @ elevations of 5,000-8,000 ft.; restricted to mountains near the Rio Grande.	None. No suitable habitat in monument.
Gypsum phacelia	<i>Phacelia sp. Nov.</i>	FWS	Weathered gypsum outcrops & gypsiferous & pure gypsum soils in Great Basin conifer woodland @ elevations of 5,500-7,500 ft., & in Great Basin desert scrub. Species is highly habitat specific.	None. No suitable habitat in monument.
Gypsum townsendii	<i>Townsendia gypsophilia</i>	BLM; FWS	Weathered gypsum outcrops & gypsiferous & pure gypsum soils in Great Basin conifer woodland @ elevations of 5,500-7,500 ft., & in Great Basin desert scrub. Species is highly habitat specific.	None. No suitable habitat in monument.
tufted sand verben	<i>Abronia bigelovii</i>	NM-s	Populations are usually small & restricted to gypsum or strongly gypsiferous soils derived from gypsum outcrops. Plants are conspicuous on the otherwise rather barren gypsum. Although locally rather common, they do not form dense populations.	None. No suitable habitat in monument.

Common Name	Scientific Name	Status ^a	Range & Habitat Association	Potential for Occurrence in Planning Area
Santa Fe milkvetch	<i>Astragalus feensis</i>	NM-s	Sandy benches & gravelly hillsides in piñon-juniper woodland or plains-mesa grassland @ 5,100-6,100 ft.	Could potentially exist in the vicinity of monument, although the habitat is not ideal. Surveys conducted by the NMHP in 2001-03 failed to locate any plants; however, the area will continue to be monitored for this species.
La Jolla prairie clover	<i>Dalea scariosa</i>	NM-s	Open sandy clay banks & bluffs, often along roadsides, @ about 4,750-4,900 ft.	Could potentially exist in the vicinity of monument, although the habitat is not ideal. Monument is higher in elevation than that at which this plant normally grows, & lacks clay soil in which it grows. Surveys conducted by the NMHP in 2001-03 failed to locate any plants, & it is doubtful any will be identified in the future.
Wahatoya Creek larkspur	<i>Delphinium robustum</i>	FS	Canyon bottoms & aspen groves in lower & upper montane coniferous forest @ 7,200-11,200 ft.	None. No suitable habitat in monument.
Sapello Canyon larkspur	<i>Delphinium sapellonis</i>	NM-s	Canyon bottoms & aspen groves in lower & upper montane coniferous forest @ 8,000-11,500 ft.	None. No suitable habitat in monument.
New Mexico stickseed	<i>Hackelia hirsuta</i>	NMHP	Dry sites of shaly or igneous soils in lower to upper montane coniferous forest, usually w/Gambel oak @ 7,700-10,200 ft.	None. No suitable habitat in monument.
Sandia alumroot	<i>Heuchera pulchella</i>	NM-s	Limestone cliffs in lower & upper montane coniferous forest @ 8,000-10,700 ft.	None. No suitable habitat in monument.
Springer's blazingstar	<i>Mentzelia springeri</i>	NM-s	Volcanic pumice & unconsolidated pyroclastic ash in piñon-juniper woodland & lower montane coniferous forest @ 7,000-8,000 ft. Species is narrowly endemic to the loose volcanic substrates of the Jemez Mtns. & is often seen where roads cut through pumice.	Could potentially exist in the vicinity of monument, although the habitat is not ideal. Monument is on the lower borderline in elevation for species. Surveys conducted by the NMHP in 2001-03 failed to locate any plants; however, the area will continue to be monitored for this species.

Note: ^a Status: BLM—BLM sensitive; FS—U.S. Forest Service sensitive; FWS—U.S. Fish & Wildlife Service species of concern; NMHP—New Mexico Heritage Program; NM-s—State sensitive; NESL—Navajo Endangered Species List [Group 2—Any species or subspecies in danger of being eliminated from all or a significant portion of its range on the Navajo Nation; Group 4—Any species or subspecies for which the Navajo Fish & Wildlife Dept. (NF&WD) does not currently have sufficient information to support its being listed in Group 2 or 3, but has reason to consider it. The NF&WD will actively seek information on these species to determine if they warrant inclusion in a different group, or removal from the list. Species in Group 4 have no legal protection under 17 NTC S 507.].